



HMMWV Life Cycle Mgt Strategy Presentation for Combat Vehicle Conference

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HMMWVs SUPPORT OUR COMBAT MISSION



**Important in the
Combined
Arms Operations**

**95,616 HMMWVs
worldwide**

**1714 HMMWVs
Required in
Heavy Division**

**A critical platform in
support of the 7
Battlefield
Operating Systems in
all potential
theaters of operations**

UPARMORED HMMWVS

XM1114

Materiel Release: 1Q/FY99
Supports Scout and MP missions



Survivability
features
proven in two
combat
incidents

USAREUR
maintain
92% OR
on 409
vehicles

Over 2
million miles
logged on
Bosnian assets

Distribution:
Bosnia: 409
Special Operations Command:
72
Forces Command: 776
Korea: 175
National Guard: 29
Armor School: 10
MP School: 5

Actual
MMBHMBF
is almost
twice the
projected rate

HMMWV

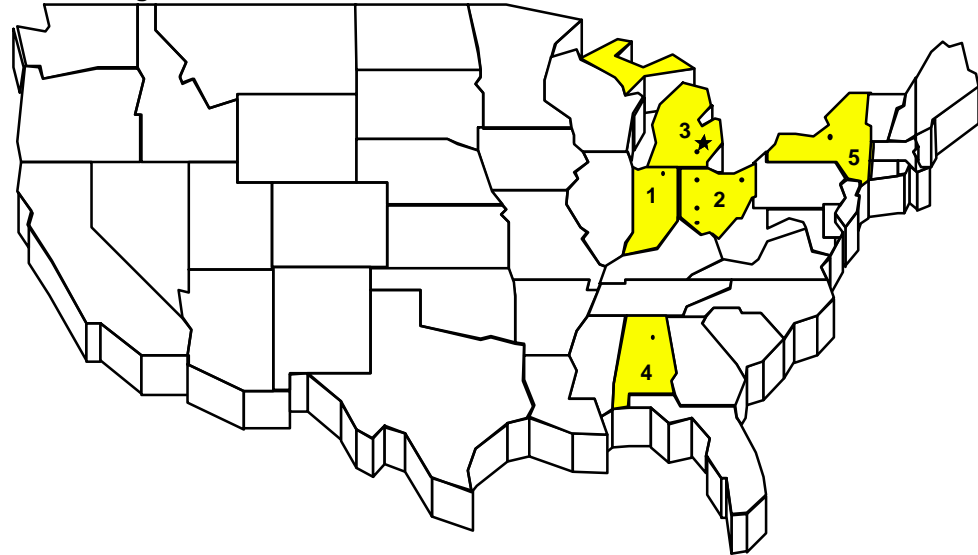
FY99 Fiscal and Congressional Information

1. Indiana				
SEN Coats (R) (SASC)		SEN Lugar (R)		
REP Roemer (D-3)		REP Souder (R-4)		
Contractor	City (Dist)	Major Comp	FY99 Jobs	FY98\$
AM General	Mishawaka (3)	Prime	1352	96.1M
AM General	South Bend (3)	Stamping	30	5.5M
Dana	Ft Wayne (4)	Axles	30	2.8M
State Totals			1,412	104.4M

2. Ohio				
SEN DeWine (R)		SEN Glenn (D) (SASC)		
REP Boehner (R-8)		REP Gillmor (R-5)		
REP Hall (D-3)		REP Sawyer (D-14)		
Contractor	City (Dist)	Major Comp	FY99 Jobs	FY98\$
GM Diesel	Moraine (3)	Engine	20	10.1M
O'Gara-Hess	Fairfield (8)	Armor	20	24.5M
Hayes	Akron (14)	Wheels	10	1.2M
Defiance	Defiance(5)	Stampings	15	1.2M
State Totals			65	37.0M

3. Michigan				
SEN Abraham (R)		SEN Levin (D) (SASC)		
REP Rivers (D-13)				
Contractor	City (Dist)	Major Comp	FY99 Jobs	FY98\$
GM	Ypsilanti (13)	Transmissions	40	4.7M
State Totals			40	4.7M

4. Alabama				
SEN Sessions		SEN Shelby (R) (SAC)		
REP Aderholt (R-4) (HAC)				
Contractor	City (Dist)	Major Comp	FY99 Jobs	FY98\$
Goodyear	Gadsden	Tires	6	2.1M
Totals			6	2.1M



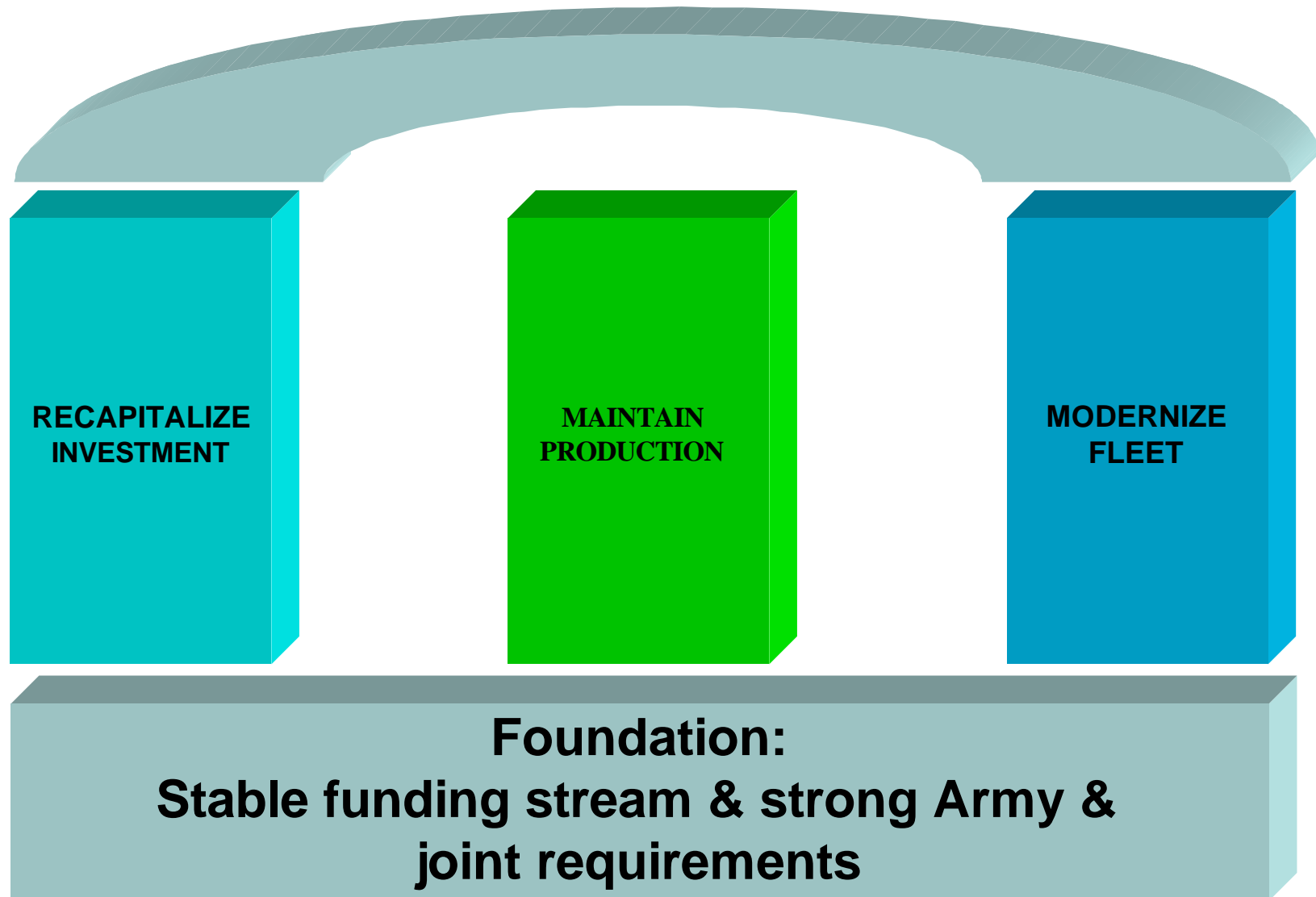
5. New York				
SEN D'Amato (R)		SEN Moynihan (D)		
REP Walsh (R-25)				
Contractor	City (Dist)	Major Comp	FY99 Jobs	FY98\$
New Venture	E. Syracuse (25)	Xfer Case	6	1.8M
State Totals			6	1.8M

Total Program Summary			
	Top 5	Other	Total
# States:	5		5
# Contractor Jobs:	1,529		1,529
# Government Jobs:	46		46
FY99 \$ Budgeted:	\$12.1M		\$12.1M

Legend	
-	Jobs rounded to nearest 10 for FY98
-	FY99 Program Budget \$ rounded to nearest \$100,000
-	(D-1): indicates Party and Congressional District.
-	(6): indicates Congressional District
-	Map dots indicate Location of Top 3 Contractors in State
-	Star indicates PM
	Top 5 (or less) States with Program Contractors
	Other States with Program Contractors

As Of: 5 Jun 98

LTV LCM Strategy Pillars

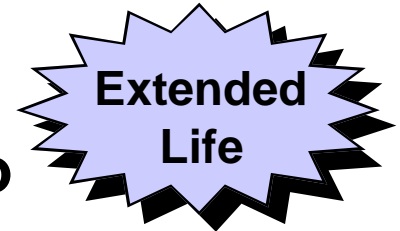


Recommended LTV LCM Strategy

Features

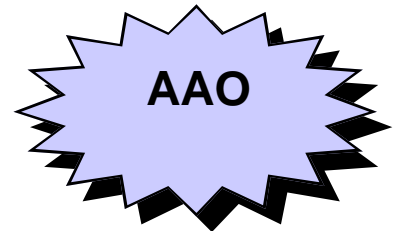
- **Recapitalize Investment:**

- ☐ Supports a hybrid remanufacture effort to improve the condition of the fleet within economic threshold



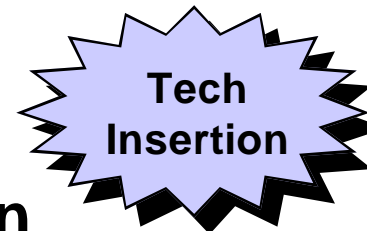
- **Maintain Production:**

- ☐ Maintains HMMWV production for AAO requirements:

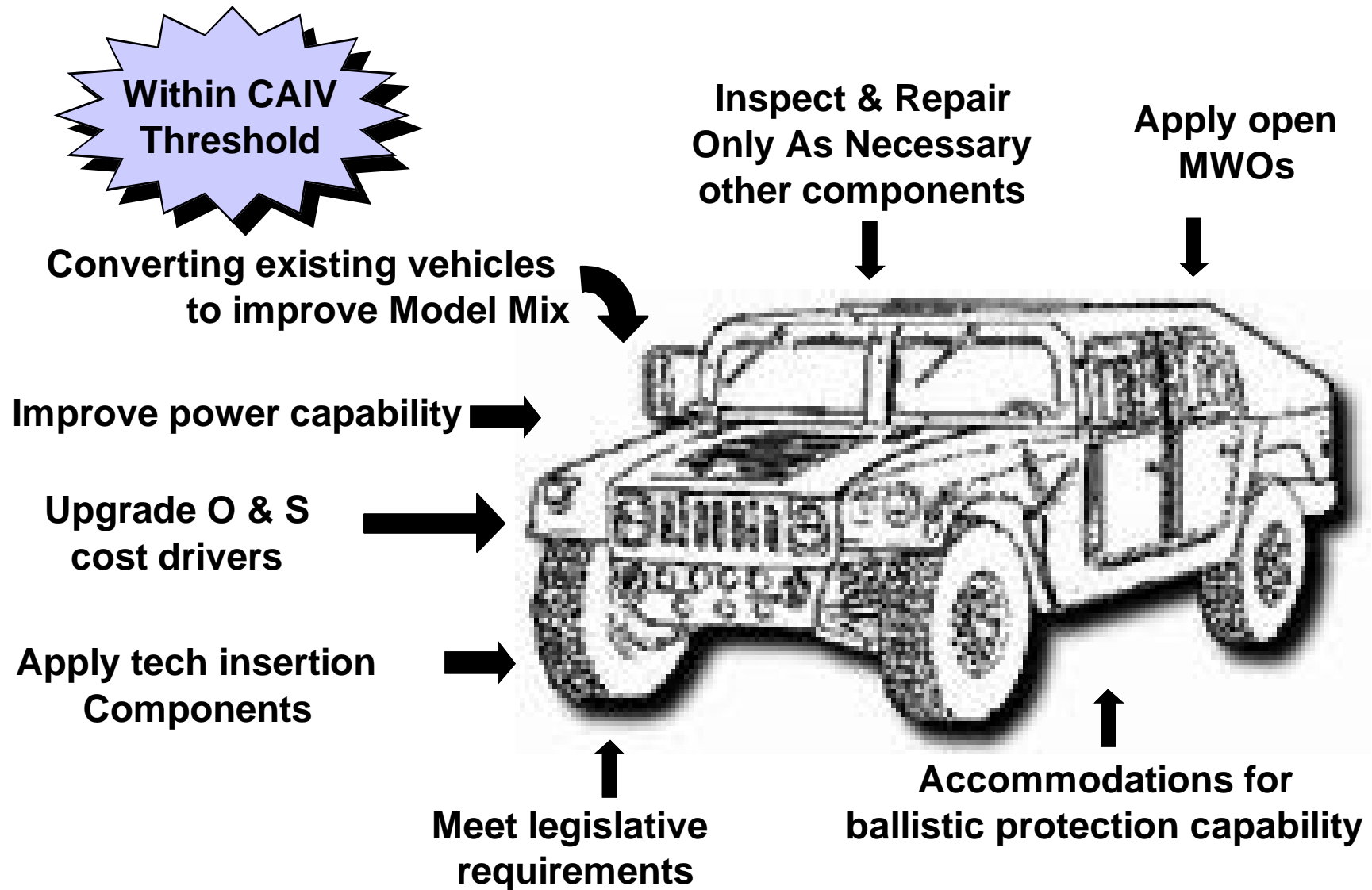


- **Modernize Fleet:**

- ☐ Leverages Commercially Based Tactical Truck (COMBATT) technology demonstration program



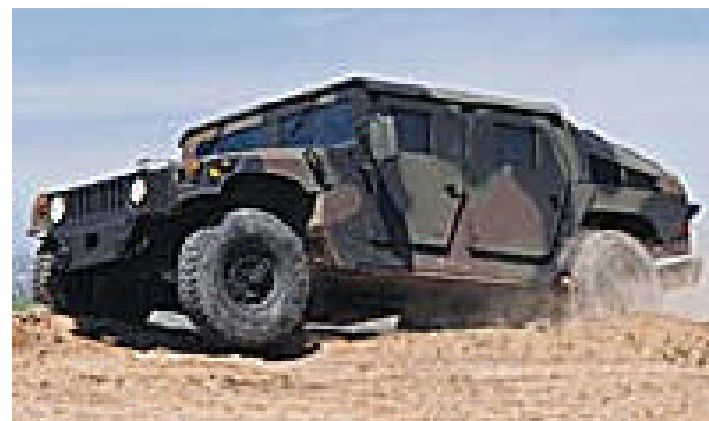
Hybrid Remanufacturing Definition



Maintain Production Pillar

- Objectives

- ❑ Continue HMMWV production to fill critical shortages (XM1113, XM1114, & M1097A2s)
- ❑ Fill critical joint requirements
- ❑ Provide higher reliability to maneuver forces
- ❑ Provide an opportunity for fleet modernization
- ❑ Leverage commercial technologies
- ❑ Integrate Modernization Through Spares initiatives
- ❑ Lower fleet O&S costs
- ❑ Maintain a warm production base



Modernize Fleet Pillar

- **Objective**

- ❑ **Produce modernized HMMWVs that meet Army XXI goals**
 - ➔ **Lower cost of ownership**
 - ➔ **Affordable**
 - ➔ **Information dominance capability**
 - ➔ **Leverage and integrate technology**
 - ➔ **Provide high optempo, agility w/o any increase in O&S costs**



LTV LCM Strategy Schedule

Decision Point:

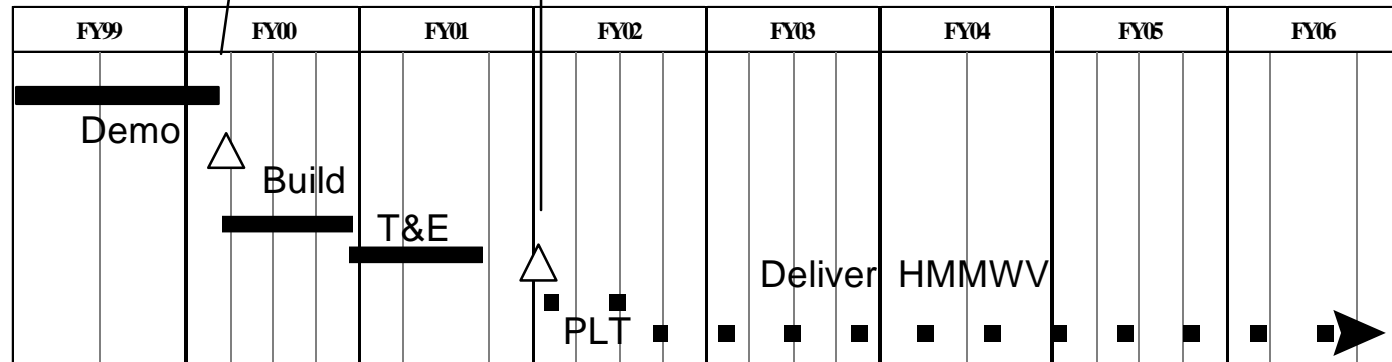
- HMMWV Tech Insertion (O&S Reduction)
- Down select

Tech inserted HMMWV

MODERNIZE

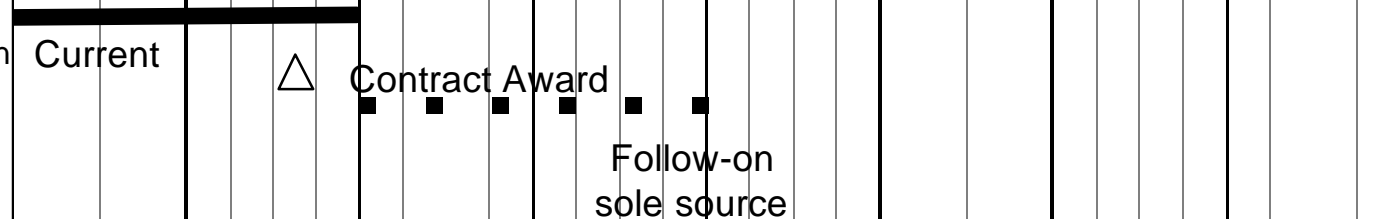
COMBATT
Program

Eval T/I
Contract Award



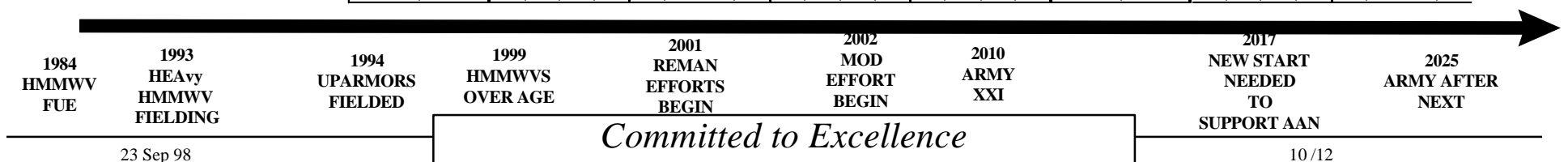
MAINTAIN

HMMWV Production
M1113
M1114
USMC
USAF



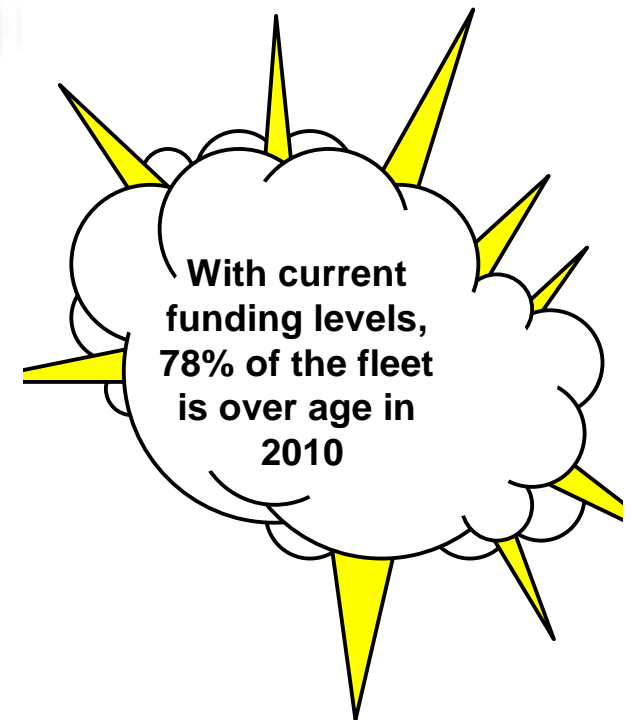
RECAPITALIZE

Develop, Eval &
Upgrade
Remanufacture



Light Tactical Vehicle Life Cycle Management Strategy

- Supports the HMMWV fleet to maximum extent given funding constraints
- Modernizes a portion of the HMMWV fleet through technology insertion in new production and remanufacturing
- Recognizes the value of current HMMWV investment
- Introduces competition in new production and hybrid remanufacturing`



Summary

- **HMMWVs are needed to support our combat mission objectives**
-
- **Current funding levels do NOT meet current Force Package 1 and 2 requirements**
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- **By 2010, 100% of the vehicles in FP 1 & 2 units will be over 15 years old, costing units \$5800 per vehicle and 20 average down days annually based on 4000 miles per year**
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- **Partnering with materiel developer, combat developer, and contractors is a must to meet our goals and objectives**

